

Beneficial Use of Dredged Sediments in Connecticut

Beach Nourishment

- Discussion ongoing since 2000 with ACOE to beneficially use 600,000 cy of sand from Housatonic FNP for beach nourishment. Current plans are to determine if Housatonic sand is suitable for placement on the highly eroded Hammonasset State Park Beach in a cost sharing project with ACOE.
 - Samples from the channel have been tested on three previous occasions (1996, 2000, & 2007) and have not shown any contaminants associated with GE or Raymark superfund sites.
- Use of the Housatonic sand will depend on ACOE obtaining funding for the dredging, schedules and state funding for dealing with erosion at Hammonasset, and ultimately the compatibility of the sand with the dynamic forces that affect that beach
- ACOE is also working with DEP to put approximately 40,000 cy of clean sand to be dredged from the Clinton Harbor FNP onto Hammonasset beach.

Innovative Treatment Technology

- Section 345 of WRDA authorized a demonstration program using innovative treatment technology for Long Island Sound dredged sediment.
 - Total of \$3 million Federal appropriations with \$750,000 state funding
 - Partnered in similar project in NJ using NJ sediments with similar texture and chemistry as Bridgeport surrogates, saving time and money.
 - Phase 1 will take NJ sediment treated by soil & sediment washing process (100 cy shipped to Bridgeport), test the sediment in accordance with CTDEP requirements for reuse and provide to soil and aggregate manufacturers to determine if a marketable product can be made.
 - Processors will document process and results in a report to the ACOE/DEP
 - End products will be tested in accordance with CTDEP requirements for reuse to determine if products are suitable for unrestricted or restricted use.
- Depending on the outcome of Phase 1, there may be a Phase 2 involving construction of a sediment treatment plant and the dredging of some quantity of Bridgeport Harbor sediments which would then be treated in the plant and then processed into a marketable product.

Beneficial Use of Contaminated Soil and Sediment General Permit

- The Waste Engineering & Enforcement Division of CTDEP is finalizing a General Permit that will allow sediments meeting certain requirements to be used as roadway sub base.
- Public notice of the draft permit is expected before end of 2007.

Identifying Impediments to Beneficial Use of Dredged Sediment

- DEP has identified a royalty provision in state statute requiring payment of a \$4/cubic yard to the state for the sale of any dredged sediment as a disincentive to beneficial use of dredged sediment.
- DEP drafted legislation to exempt treated dredged sediments from the royalty payment was introduced but did not pass this past legislative session but will be reintroduced in the next session early in 2008.
- DEP has identified statutes and regulations that need to be modified to prevent conflicting interpretations regarding sediments and reuse.